

11. (Amended) A personal computer system comprising:

a processor;
a bus;
main memory;
a system controller;
a graphics controller;
a video source capable of providing a digital YUV video signal;
a video output capable of connecting to a video display device; and
a digital processor that computationally applies gamma correction via computational calculation to the digital YUV signal provided by the video source and provides a corrected signal to the video output.

REMARKS

Applicant has carefully reviewed and considered the Office Action mailed on October 23, 2002, and the references cited therewith.

Claims 1, 6, and 11 are amended, and no claims are cancelled or added; as a result, claims 1-11 are now pending in this application.

§102 Rejection of the Claims

Claims 1-3, 5-8 and 10 were rejected under 35 USC § 102(e) as being anticipated by Aleksic et al. (US 6,020,921).

Claims 1, 6, and 11 are amended consistent with an Examiner Interview conducted on October 11, 2002. The claims are amended to reflect more clearly that the gamma correction of the present invention is applied via computation and calculation rather than via a lookup table.

Applicant respectfully points out that “calculation” is defined as the action or process of determining by a mathematical process, which is not consistent with looking up a value in a lookup table as is done in the cited Aleksic reference (*see, e.g.* Webster’s Third New International Dictionary, Unabridged). Applicant believes this amendment more clearly distinguishes the invention as claimed from the cited art.

Further the pending claims recite features such as a corrective algorithm, etc. that are not present in the Alkesic reference or consistent with the use of a lookup table, and these features are believed to further distinguish the pending claims from the cited art.

The Examiner is reminded that to sustain a rejection under 35 U.S.C. 102(e), disclosure must be shown in a single prior art reference of each element of the claim under consideration.

In re Dillon 919 F.2d 688, 16 USPQ2d 1897, 1908 (Fed. Cir. 1990) (en banc), cert. denied, 500 U.S. 904 (1991). Anticipation further “requires the presence in a single prior reference disclosure of each and every element of the claimed invention, *arranged as in the claim.*”

Lindemann Maschinenfabrik GmbH v. American Hoist & Derrick Co., 730 F.2d 1452, 221 USPQ 481, 485 (Fed. Cir. 1984) (citing *Connell v. Sears, Roebuck & Co.*, 722 F.2d 1542, 220 USPQ 193 (Fed. Cir. 1983)) (emphasis added). Because the computational calculation of the present claims is not present in the cited reference, a rejection under 35 U.S.C. 102(e) is believed to be improper.

The Examiner is invited to contact the Applicant’s attorney (612-349-9581) to discuss any matter relating to the claim amendments or to otherwise facilitate prosecution of this application.

§103 Rejection of the Claims

Claims 4 and 9 were rejected under 35 USC § 103(a) as being unpatentable over Aleksic et al. (US 6,020,921). Applicant again objects to a single reference 35 U.S.C. 103(a) rejection, and pursuant to M.P.E.P. § 2144.03 requests that references showing all elements of the rejected claims be presented.

Claim 11 was rejected under 35 USC § 103(a) as being unpatentable over Aleksic et al. (US 6,020,921) in view of Warren et al. (US 6,034,300). The discussion with respect to the rejections under 35 U.S.C. 102(e) are also applicable here, and are incorporated by reference. Applicant further believes that claims 4 and 9 rejected here under 35 U.S.C. 103(a) are in condition for allowance as dependent on an allowable base claim.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 09/217,873

Filing Date: December 21, 1998

Title: DIGITAL YUV VIDEO EQUALIZATION AND GAMMA CORRECTION

Page 5
Dkt: 450.221US1

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (612-349-9581) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 50-0439.

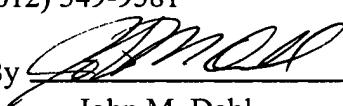
Respectfully submitted,

MARK RAPAICH

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 349-9581

Date Dec. 16 02

By 

John M. Dahl

Reg. No. 44,639

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231, on this 16 day of December, 2002.

Candis B. Buending

Name _____

Signature 